HORTICULTURAL ABSTRACTS

ERRATA Vols. XXI-XXV

Volume XXI

Abstract

191 and 2943 Author. *For* Fakuda *read* Fukuda

198 Line 5. *For* naphaleneacetic *read* naphthaleneacetic

387 Line 10. For *Saminoidea* read *Sanninoidea*

1241 Line 3. For *Leucanea* read *Leucaena*

1413 Line 4 of Title and line 1 of Abstract. *For* Pirovana *read* Pirovano

1479 Author. *For* Torgenson *read* Torgeson

1538 Author. *For* Schaeffer *read* Schaefer

1823 Line 3 of Title. For *Pulchea* read *Pluchea*

2583 Line 4. For *Peronospira* read *Peronospora*

3024 Lines 3 and 6. *For* manganese *read* magnesium

3093 *Omit footnote and substitute* Obtainable from Commonwealth Institute of Entomology, 41 [now 56] Queens Gate, London, S.W.7.

3153 Author. *For* Nisson *read* Nissen

3314 Line 8. *For* blackberries *read* black currants

3422 Last line. For *H.A.*, 20 read *H.A.*, 19

3927 Author. *For* Mandel *read* Mendel

Volume XXII

Abstract

146 Title translation. *For* Identication *read* Identification

348 Line 3. *For* An unreplicated trial *read* A trial replicated 6 times with 200 vines in each replicate

Line 8. *For* replicated *read* further replicated

383 Line 3. *Omit the word* or

696 Line 1. *For* tomato *read* tobacco

707 Line 2. *For* tomato *read* tobacco

786 Author. *For* Tizio, R. *read* Tizio, R. M.

820 Author. *For* Rappleye, L. *read* Rappleye, L. E.

860 Line 2. For *iceryaella* read *iceryaeella*

1083 Author. *For* Cheshunt *read* Cheshunt Experimental and Research Station

1457 Line 8. For *Dacrynium* read *Dacrydium*

1993 Line 7. *For* XII *read* XI

2552 Line 8. *For* 4 mg. *read* 4 g.

Page 375. Footnote. *For* Food *read* Field

3256 Line 10. *For* L. G. Bennet *read* L. G. Bennett

4148 Line 5 of Title. *For* 1952 *read* 1951

4200y Author. *For* Senaratna, J. E., *read* Senaratne J. E.

4515 Author. *For* Arnon, D. A. *read* Arnon, D. I.

Volume XXIII

Abstract

435 Author. *For* Frölich, H. *read* Fröhlich, H.

514 Line 5. *For* insecticide *read* fungicide

868 Line 8 of Title. For *Tabacco*, 19 read *Tabacco*, 1952, 56: 142-51, bibl. 7, illus.

2543 Line 5. *For* nut was *read* walnuts

3367 Line 7. For *tormentosa* read *tomentosa*

4189 Line 4 of Title. *For* cabbage *read* brassica

Line 5 of Title. *For* cabbage *read* cauliflower

4763b Line 5. *For* 1590 *read* 4590

Volume XXIV

Abstract

45 Author. *For* Kendrick, J. B. *read* Kendrick, J. B., Jr.

92 Line 5 of Title. For *Atrobiologija* read *Agrobiologija*

169 Author. *For* Lallata, F. *read* Lalatta, F.

477 Line 4 of Title. *For* **38** *read* **37**

751 Line 5 of Title. For *Int.* read *Inf.*

817 and 1745 Author. *For* Calvino, G. E. M., *read* Mameli-Calvino, G. E.

898 Line 7 of Title. For *Landbouw* read *Landbouw, Bogor*

1271 Author. *For* di Pruna, S. *read* di Prima, S.

1297 Author. *For* Hoffman *read* Hoffmann

1332 Line 2. For *caricae* read *carica*

1337 Line 2. For *voglioni* read *voglinoi*

1784 Lines 1, 7 and 10. For *Antonia* read *Antonina*

1865 Line 17. For *Rodolphus* read *Radolphus*

1899 Line 3 of Title. For *europea* read *europaea*

2187 Line 9. *For* steam pressure *read* weight of steam

2501 Line 5 of Title and Line 3 of Abstract. *For* midge *read* leaf blister mite

3270f Author. *For* Pearson, C. M. O. *read* Pearson, C. H. O.

3419 Line 8 of Title. Citation of journal should read *Z. PflKrankh.*, 1953, **60**: 434-49, 529-48, 577-93

3763 Line 4 of Title. *For* **9** (3) *read* **11** (3)

3772 Line 5 of Title. *For* B-**241** *read* B-**421**

4102 Author. *For* Hatman-Dröge, C. *read* Hartman-Dröge, C.

Volume XXV

Abstract

38 Line 7. *For* short-day *read* long-day

Line 8. *For* long-day *read* short-day

141 Line 12. *For* metaxeny *read* metaxenia

175 Lines 8 and 20. *For* Bo *read* B

1006 Line 1. For *Phytophthora infestans* read *Phytophthora palmivora*

1153 Line 4 of Title. *For* 15s. *read* 15s. in South Africa, in England 19s.+1s. postage from Gordon & Gotch, London.

2121 Line 4 of Title. *For* Vol. **2** *read* Vol. **1**

2124 Line 8 of Title. *For* Vol. **2** *read* Vol. **1**

2445 Line 5 from bottom. *For* Malling-Merton *read* Merton Immune

2589 Line 3 of Title. *For* strawberries *read* raspberries

Lines 1 and 4. *For* strawberry *read* raspberry

3384 Line 5 of Title. *Add price* 10 rupees or 15s.

3744 Author. *For* Agulhon, A. *read* Agulhon, R.

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INTRODUCTION

Abandon hope, is my counsel to those few survivors who dabbled years ago in exploring previous composite indexes and just possibly still have eyes to search with. Gone are those happy days when you just thought of an actually non-existent term—say "naphthyoxacetic acid"—and found it. I am credibly informed that, if such a slipshod method had been pursued on this occasion, Macaulay's criticism of Ranke's *History of the Popes* as light reading in the days of Methuselah would have been equally applicable to our index to Vols 21-25, here presented free to all lucky readers of *Horticultural Abstracts* Vol. 25. No, this time, I fear, you will have to use the little grey cells and first of all solve the question, animal, vegetable or mineral.

That very great care has been bestowed on it is certain. No less certain is it that anomalies still exist and that anyone so ill-natured as to search for trouble will quickly be able to say, "But why so and so, if so and so?", or "In my day we spelled things as they should be spelled and not differently in different places". And there, of course, comes the rub, for who are we to argue with the great world authorities, who, it must be admitted, not only tend to disagree among themselves but, alas, have little time or perhaps chance to proof correct some of their popular articles?

However, enough of this, which doubtless you will not have read and now, pray, attention, if you really insist on using the index.

D.A.

EDITOR'S NOTE

In the light of the first paragraph of the Introduction it is clear that only the hardiest amongst the allegedly lucky readers of our journal will attempt to grapple with the intricacies of explanatory notes. Nevertheless, no effort will be spared to keep these notes short, sweet, and very, very simple.

First, however, it should be emphasized that the "new" subject index contains exactly the same sort of information as did all previous composite and annual indexes, only perhaps rather more of it. The following rough categories of information may be recognized:

(i) A crops index, which, it is hoped, contains *all* the useful references to crops.
(ii) A scientific names index, which records *all* identifiable insects, fungi, etc., and those plants which have not yet advanced to the status of a crop carrying a popular, universally accepted name.
(iii) A subjects index, which is, for the most part, restricted to items thought to be of general interest.
(iv) A countries index, which is still more restricted, in that it only contains references to reports or general papers on crops or services.

Now as to the changes! If at this point the reader is expecting the conjurer to produce an elephant from his pocket he would do well to resign himself to something no larger than a mouse. The fact is that the only change of note concerns certain aspects of arrangement.

In the crops index in particular an attempt has been made to arrange subjects under group headings, such as "diseases", "flower", "nutrition", etc. For example, no longer will the Australian interested in the troubles caused by *Venturia inaequalis* on apples find what he wants under "Apple black spot", nor the Englishman the same thing two or three pages away under "Apple scab". Both, if they have the necessary patience, will find it under "Apple diseases, fungus", where it rests in close proximity to all the other manifold diseases and disorders, well known or obscure, named or unnamed, to which the unfortunate apple is heir. Similarly for the apple and other major crops everything to do with manuring, major element responses, minor element deficiencies, foliar nutrition, foliar diagnosis, etc., etc., will be found under "nutrition", everything to do with the plant's metabolism under "physiology" and all cultural practices which affect the soil under "soil management". Admittedly some of the group sub-headings are rather clumsy, notably the use of the word "climate" to cover responses to all climatic factors, but one has to remember that the English language was not developed for the benefit of scientists, let alone indexers. At least we can claim that, although we may have abused some of the old words, we have not (intentionally) created any new ones.

The grouping system has, of course, always been largely used in the indexing of subjects. The only change, which is not fully sign-posted by cross references, is the grouping of chemicals used as fungicides, herbicides, insecticides, etc., under, strange as it may seem, "Fungicides", "Herbicides" and "Insecticides". No longer will it be possible to find an exciting poison known as Slaughter-All under S; it may conceivably appear under "Insecticides, Slaughter-All", but if we have been bright enough or, what is more likely, lucky enough to discover that it is merely another name for DDT it may well be submerged for ever under the dull entry "Insecticides, DDT".

With the "scientific names index" and the "countries index" no question of re-arrangement arises. Some learned groups, notably the Entomologists, seem addicted to changing scientific names every few years, and we have tried to keep pace with their changes, but in other respects these indexes remain unaltered.

The aims of the grouping system are three, namely:

(*a*) To ensure that related subjects are brought together in such a way that the enquirer, once he has got the idea, can find all the information on one subject under one heading and as many as possible of the closely allied subjects in close proximity to this heading.

(*b*) To provide a system that is fairly easy to reproduce in the future, thus relating one index to another and making it possible for several people to collaborate in producing future indexes more smoothly and rapidly.

(*c*) To eliminate unnecessary duplication of headings and thus reduce bulk and cost.

Perhaps a fourth aim should be added—to evoke criticism and suggestions. The last three annual indexes have all used the grouping system, but, unless one's memory is at fault, none has evoked even the faintest whisper. Does this imply approval, resignation, boredom, or merely that the librarian secretes the index on arrival?

As to the anomalies referred to in the introduction, it is only too true that these exist. In 1951 lindane was an interesting new insecticide and all references to it were indexed; by 1955 it was in general use and only a few of the references to it were worth indexing. Other subjects seemingly of little interest in 1951 had assumed importance by 1955. Inevitably a cumulative index will have uneven patches, because were the editor to try to eliminate them all it would take him a lifetime. In the jargon of politicians the present effort may be described as a compromise between timeliness and comprehensiveness.

As regards the author index little need be said, especially as the writer has had nothing to do with it. One may be certain, however, that it closely resembles all previous author indexes and contains exactly the same sorts of mistake. There will be the British who are sometimes double-barrelled and at other times single-barrelled, the Americans who are sometimes junior and sometimes not, the Frenchmen who sometimes have initials and at other times none, the Spaniards who sometimes include matriarchal names or initials and at other times do without, the Hungarians who vary the order in which they write their names and, of course, the Russians and others whose names get a bit mangled in transliteration. And, naturally, the Van's and the De's and the Di's are always with us, sometimes as prepositions and sometimes as an integral part of the surname—but enough said!

It only remains to mention that all members of the Bureau staff, both scientific and clerical, have assisted in the preparation of the indexes, but special thanks are due to Dr. Goldschmidt, Miss Rowe-Dutton and Mrs. Ulyatt, all of whom spent weeks on the subject index without once uttering, audibly at least, a cross word.

G.K.A.

HORTIC
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	XXI 1951 Abstr.	 Noted	XXII 1952 Abstr.	 Noted	XXIII 1953 Abstr.	 Noted	XXIV 1954 Abstr.	 Noted	XXV 1955 Abstr.	 Noted	T Abstr
Miscellaneous	366	111	351	117	382	128	368	129	380	146	1,847
Deciduous fruits—											
Tree fruits	364	72	413	70	508	75	416	83	417	94	2,118
Small fruits and nuts	82	17	88	26	114	34	99	28	120	33	503
Vines	103	15	93	6	133	25	105	30	112	40	546
Plant protection ..	486	96	697	106	662	109	531	140	551	132	2,927
Vegetables	776	157	923	143	713	118	709	149	739	124	3,860
Tobacco	132	25	118	27	160	32	154	30	155	45	719
Various economic crops	201	58	195	53	236	72	199	70	202	81	1,033
Ornamentals	307	81	253	65	342	111	372	112	368	129	1,642
Sub-tropical crops ..	261	35	368	56	398	79	382	96	355	97	1,764
Tropical crops	517	76	599	160	582	137	696	187	543	188	2,937
Weeds	238	77	140	39	281	65	221	44	309	49	1,189
Reviews	83	—	89	—	73	—	72	—	70	—	387
Notes on reports ..	181	37	177	25	119	53	108	59	102	64	687
Totals	4,097	857	4,504	893	4,703	1,038	4,432	1,157	4,423	1,222	22,159 =81%

NOTES—

Potatoes ceased to be handled as from Vol. 23.
Storage and packing were included under their particular c
Weeds were dealt with as a separate section as from Vol. 2
Tobacco was dealt with as a separate section as from Vol.
Miscellaneous economic crops were dealt with as a separat
If these facts are allowed for, it will be found that there has
in number of original articles abstracted or noted.

BSTRACTS

bstracts

1951-55

d l	Percentage of Total		Comparative figures Volumes I-XXV of articles abstracted or noted			
			I-X	XI-XV	XVI-XX	XXI-XXV
8	9·09	Miscellaneous	689= 7·1%	986= 9·6%	1,415= 8·1%	2,478= 9·1%
2	9·19					
1	2·35					
2	2·42	Deciduous fruits . .	3,351= 35·1%	2,859= 27·8%	5,583= 31·9%	7,325= 26·8%
0	12·84	Storage, packing, etc. . .	1,046= 11·0%	1,164= 11·3%	1,121= 6·4%	— —
1	16·68	Weeds	— —	— —	— —	1,463= 5·3%
8	3·21	Vegetables, etc.	922= 9·7%	2,479= 24·1%	4,420= 25·3%	4,551= 16·7%
7	5·00	Tobacco	— —	— —	— —	878= 3·2%
0	7·80	Miscellaneous economic crops	— —	— —	— —	1,367= 5·0%
7	7·80					
		Ornamentals	302= 3·2%	265= 2·6%	866= 5·0%	2,140= 7·8%
5	13·50					
3	5·31	Tropicals and sub-tropicals	2,703= 28·3%	2,000= 19·4%	3,016= 17·2%	5,812= 21·3%
7	1·41	Reviews	536= 5·6%	128= 1·2%	367= 2·1%	387= 1·4%
5	3·40	Notes on reports . .		408 – 4·0%	708 = 4·0%	925= 3·4%
6	100·00		9,549 100%	10,289 100%	17,496 100%	27,326 100%
		Average no. of originals abstracted or noted per volume of 4 numbers	955	2,058	3,499	5,465

l. 21.

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in emphasis. The most noticeable fact is the continued increase

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